

State of Illinois  
Department of Transportation  
Bureau of Materials and Physical Research

POLICY MEMORANDUM

November 1, 2001

Springfield

2001-13

TO: DISTRICT ENGINEERS AND HIGHWAY BUREAU CHIEFS

SUBJECT: USE OF NON-CERTIFIED AGGREGATE STOCKPILES UNDER THE  
AGGREGATE GRADATION CONTROL SYSTEM (AGCS)

**1.0 SCOPE**

- 1.1 The AGCS requires the aggregate source to control the gradation of its certified aggregate during production. Non-certified aggregate stockpiles are those that were not produced under the requirements of the AGCS.

**2.0 PURPOSE**

- 2.1 To establish a procedure to accept specific non-certified aggregate for use under the AGCS.

**3.0 ELIGIBILITY**

- 3.1 Only certified aggregate Sources currently running the AGCS are eligible to participate in this program.

**4.0 AGGREGATE QUALITY**

- 4.1 Non-certified stockpiles shall have current acceptable quality test data (no more than three [3] years old) before processing. Any stockpile not conforming to this requirement shall be sampled as required by the District and tested for quality at the Bureau of Materials and Physical Research.

**5.0 GENERAL PROCEDURE**

- 5.1 The aggregate Source shall submit a letter through the District to the Bureau of Materials and Physical Research (BMPR) requesting to certify a non-certified stockpile for AGCS use using this policy memorandum. The letter shall detail the aggregate code number (Example: 032CM16), stockpile location, and the method to be used to certify the stockpile.

Upon BMPR approval, the District and aggregate Source shall meet to review the method to be used for certification.

- 5.2 One of the following two methods shall be used to certify non-certified stockpiles for use under the current AGCS.

Method #1:

The designated non-certified stockpile shall be sampled and tested for gradation to establish the critical sieve Master Band prior to shipping the material to a certified project. A minimum of one (1) gradation sample per 500 metric tons for at least 2,500 metric tons of stockpiled aggregate shall be taken and tested during loadout to work not requiring certified aggregate. The average of these results shall be used by the aggregate Source to establish the Master Band on the critical sieve. The aggregate Source may set the specification limits on the other sieves as allowed in Section 6.2 of the current Illinois Department of Transportation (IDOT) policy memorandum, "Aggregate Gradation Control System" (AGCS). After IDOT approval of the Master Band and other sieve limits, the material may be shipped to projects requiring certified aggregate and shall be tested at a minimum rate of one (1) gradation sample for each 1,000 metric tons of loadout.

Method #2

The aggregate Source may submit a plan to the Bureau of Materials and Physical Research proposing a satisfactory method of sampling and testing the entire pile either in-situ or by restockpiling (or any combination thereof). If approved, the aggregate Source shall average all the tests taken to establish a Master Band on the critical sieve. The aggregate Source may set the specification limits on the other sieves as allowed in Section 6.2 of the current AGCS policy memorandum. After IDOT approval of the Master Band and other sieve limits, the material may be shipped to projects requiring certified aggregate. When shipping activity begins, loadout sampling and testing shall be performed in accordance with Section 6.3.3 of the current AGCS policy memorandum.

- 5.3 All requirements of the AGCS shall apply except those referring to production samples. In addition, all samples shall be washed gradations run in accordance with AASHTO T11/T27 (Illinois Modified). Failing gradation samples shall be handled in accordance with Section 6.5 of the current AGCS policy memorandum, except that references to production samples shall apply to the samples obtained to meet the requirements of this policy memorandum. All test data shall be plotted on control charts as specified in Section 6.4 in the current AGCS memorandum.



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Engineer of Materials  
and Physical Research

This policy memorandum supersedes Policy Memorandum 97-6 dated October 16, 1997.
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